

FIGURE 1

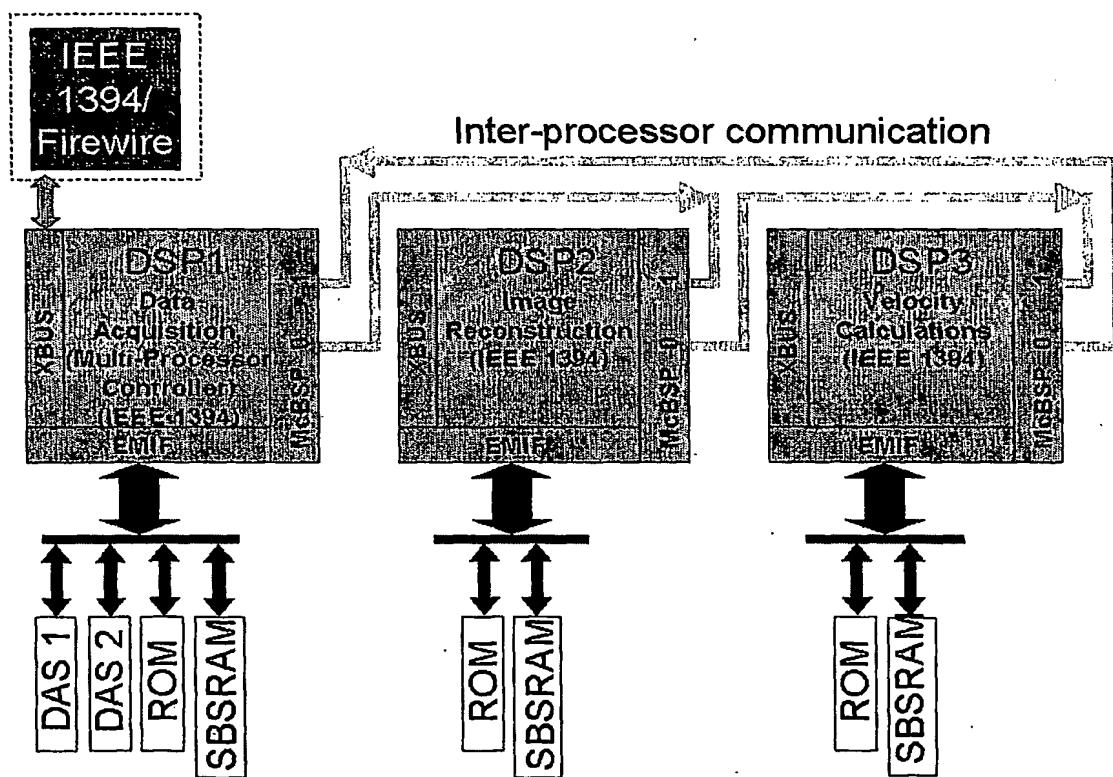


FIGURE 2

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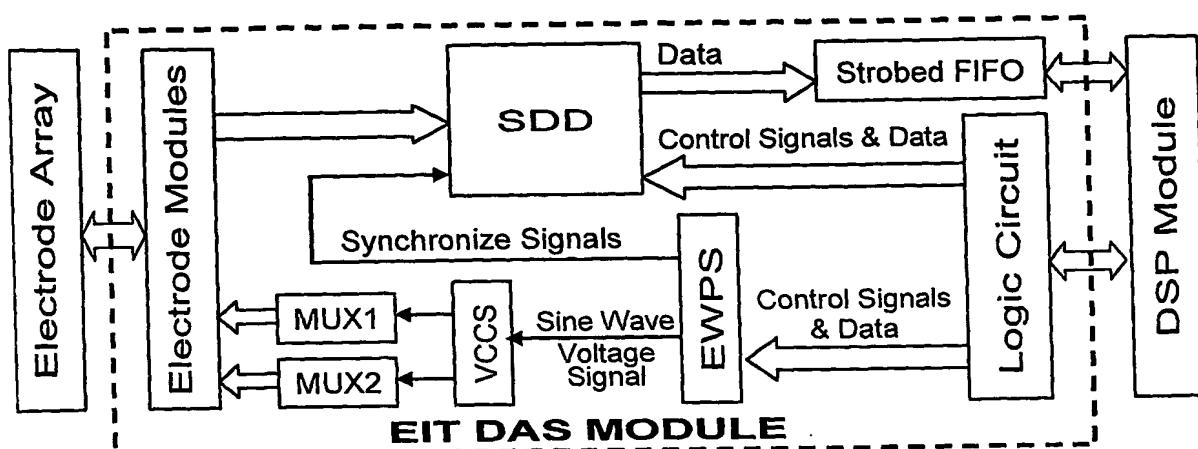
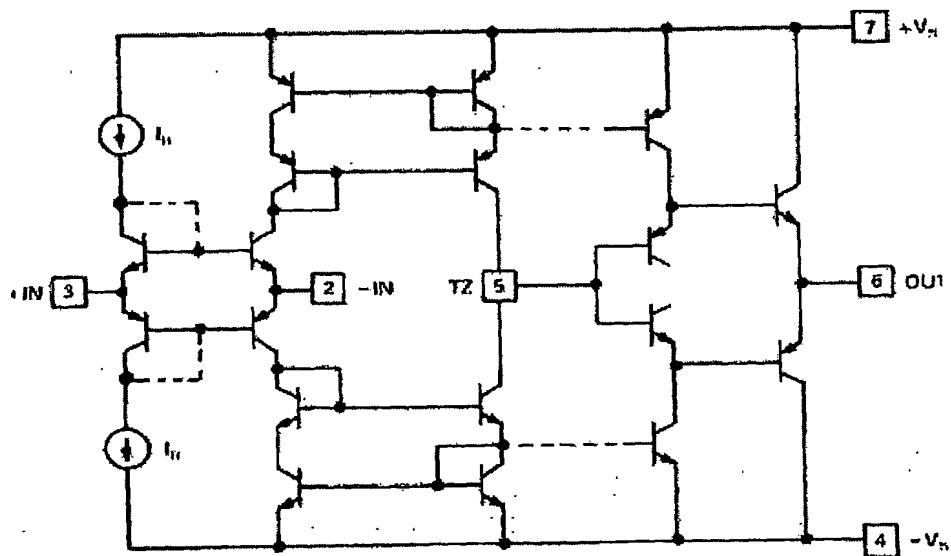
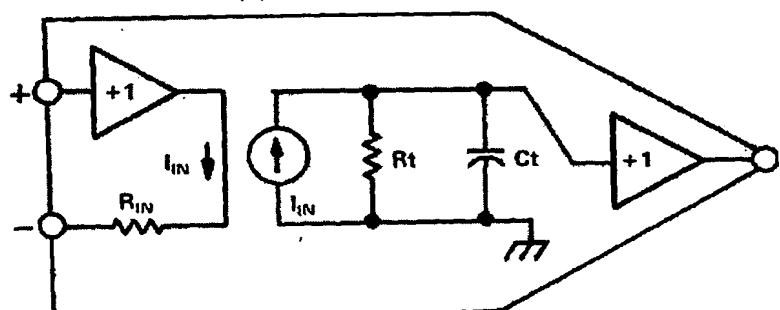


FIGURE 3



(a) Simplified Schematic



(b) Equivalent Schematic

FIGURE 4

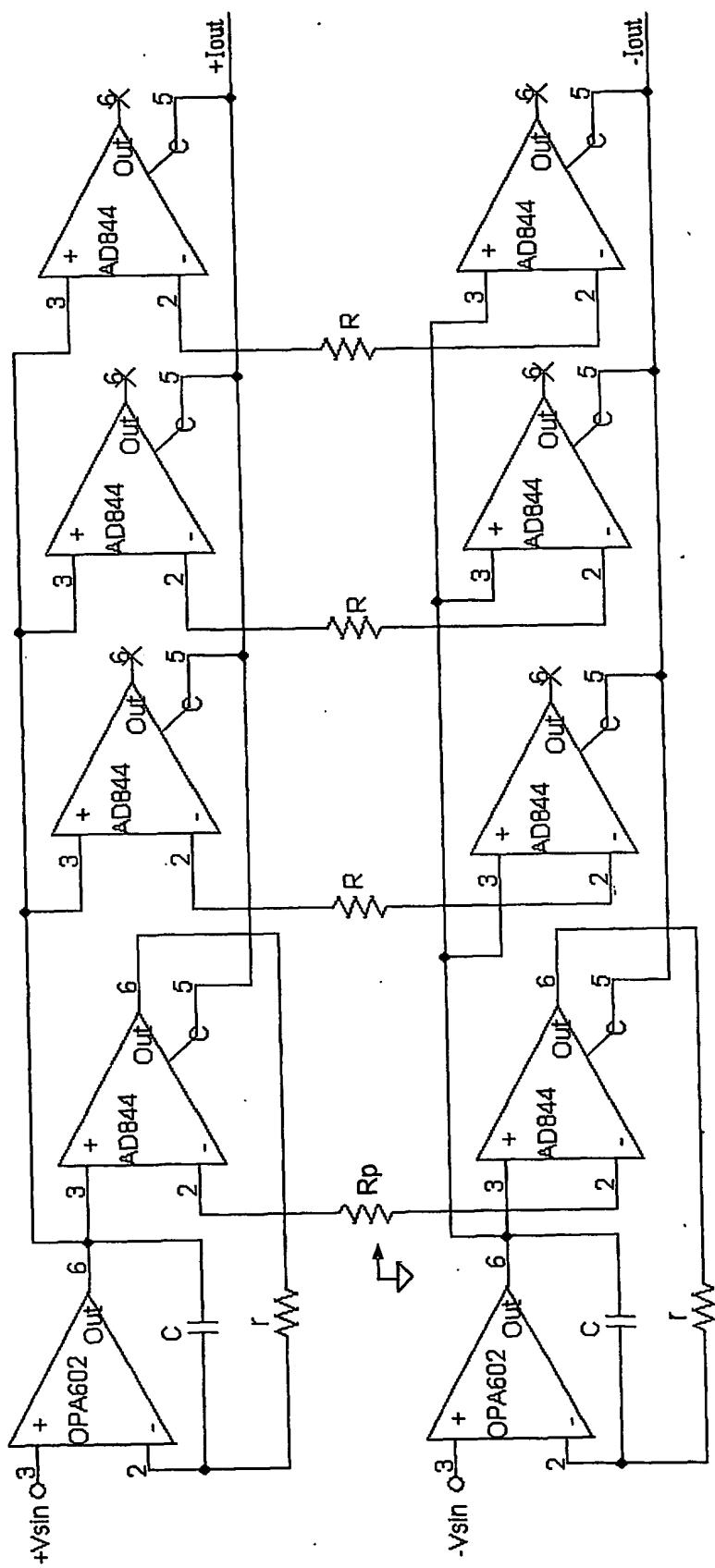


FIGURE 5

Rest Available Copy

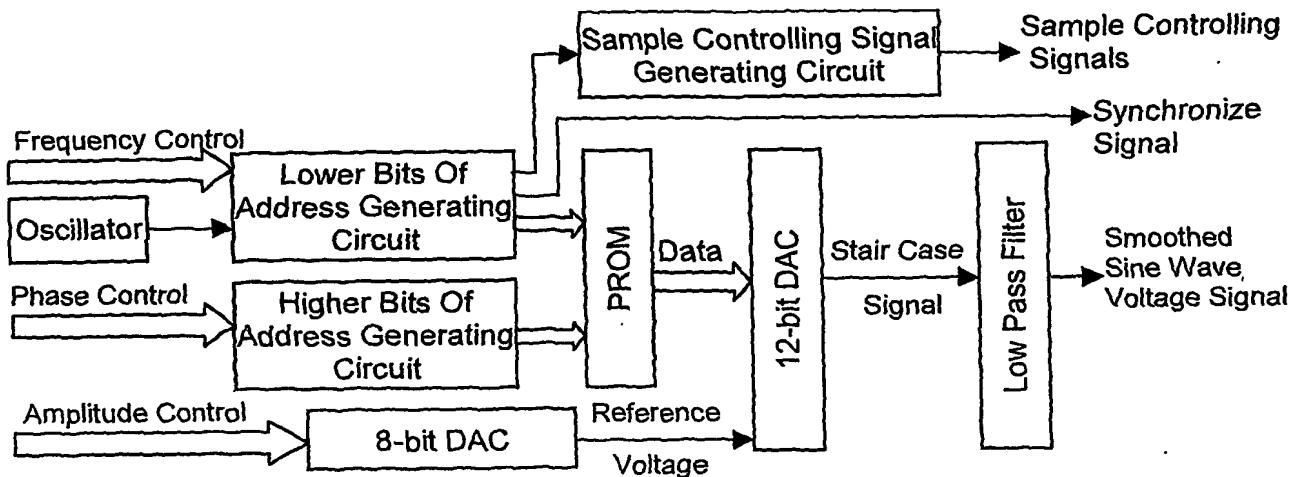


FIGURE 6

Equal width pulse sine-wave

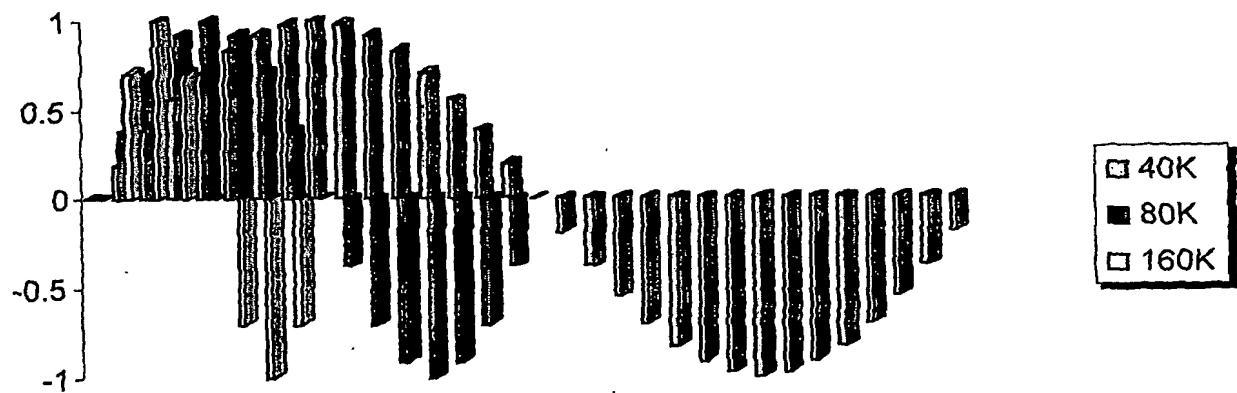


FIGURE 7

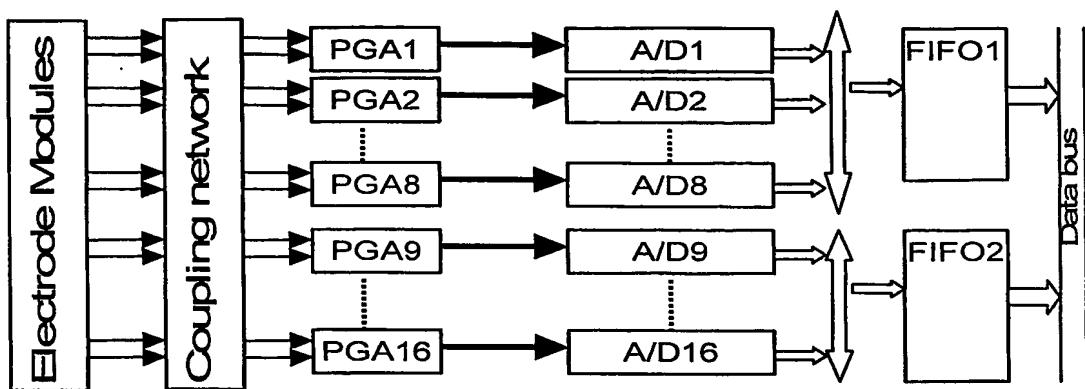


FIGURE 8

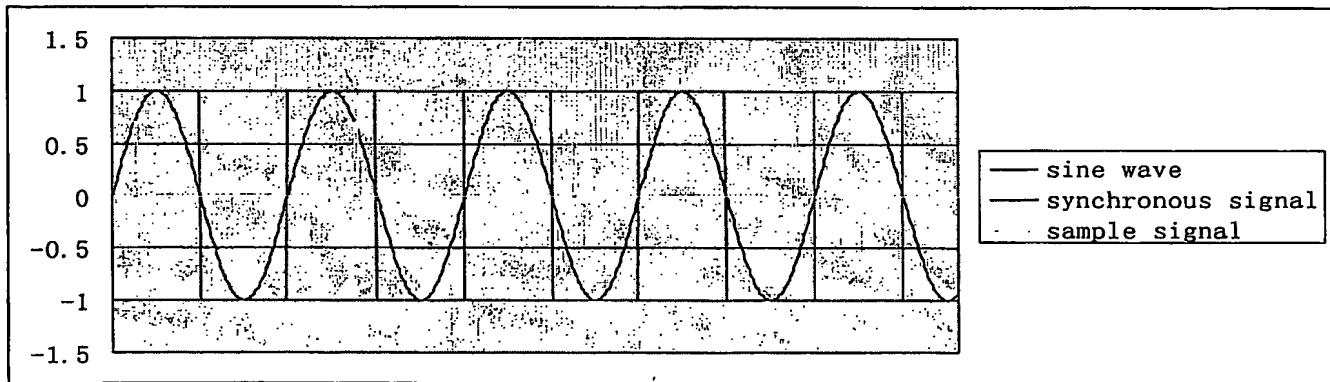
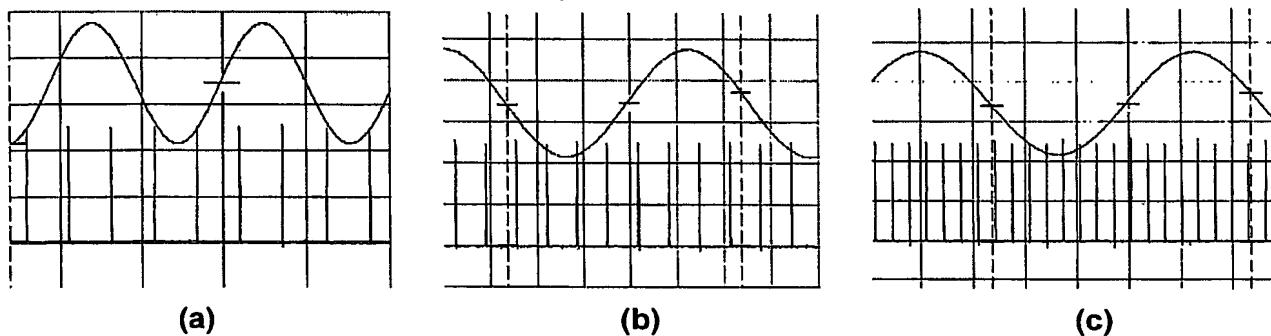


FIGURE 9

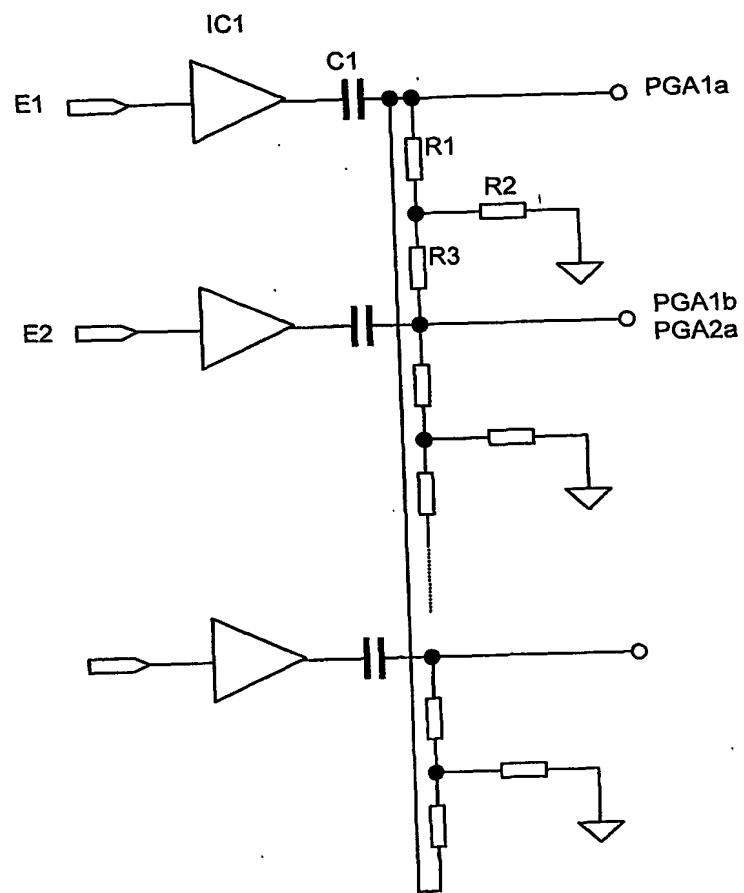


FIGURE 10

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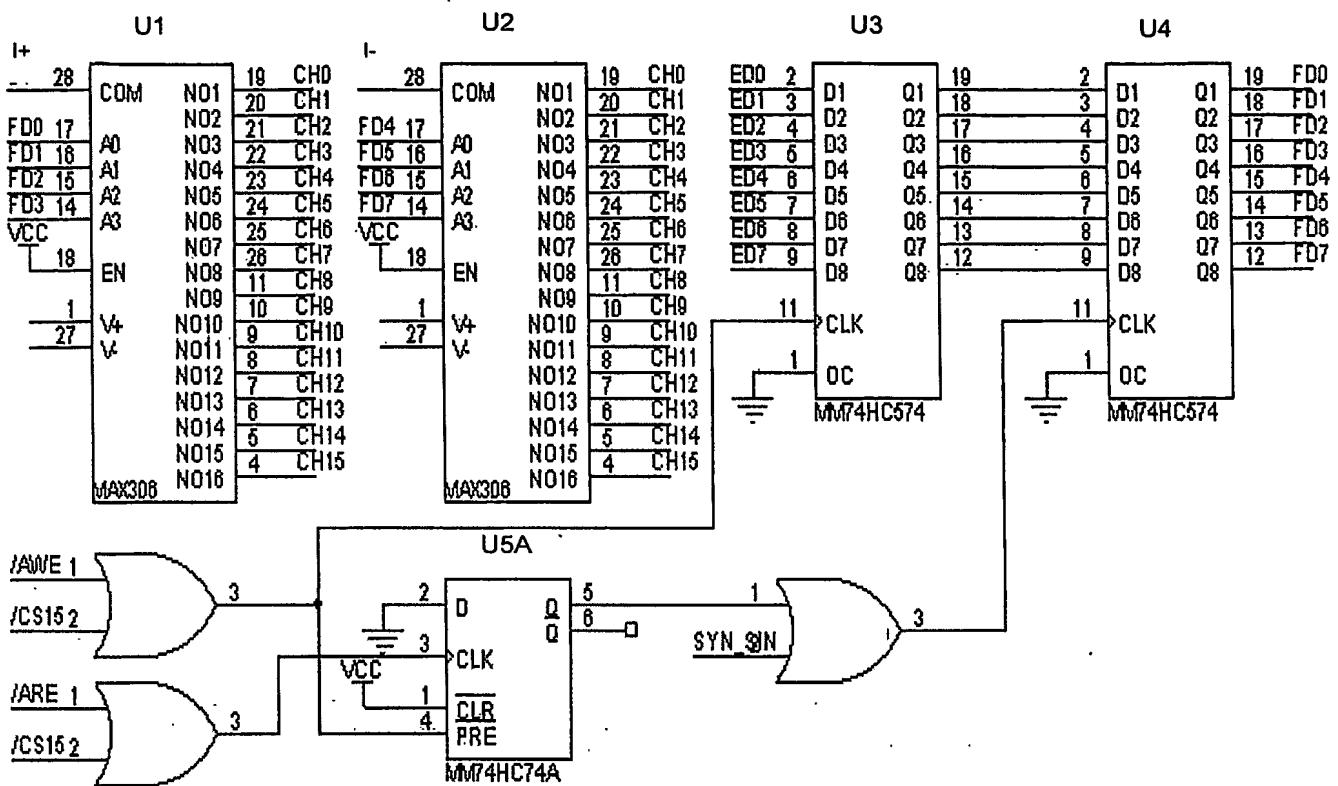
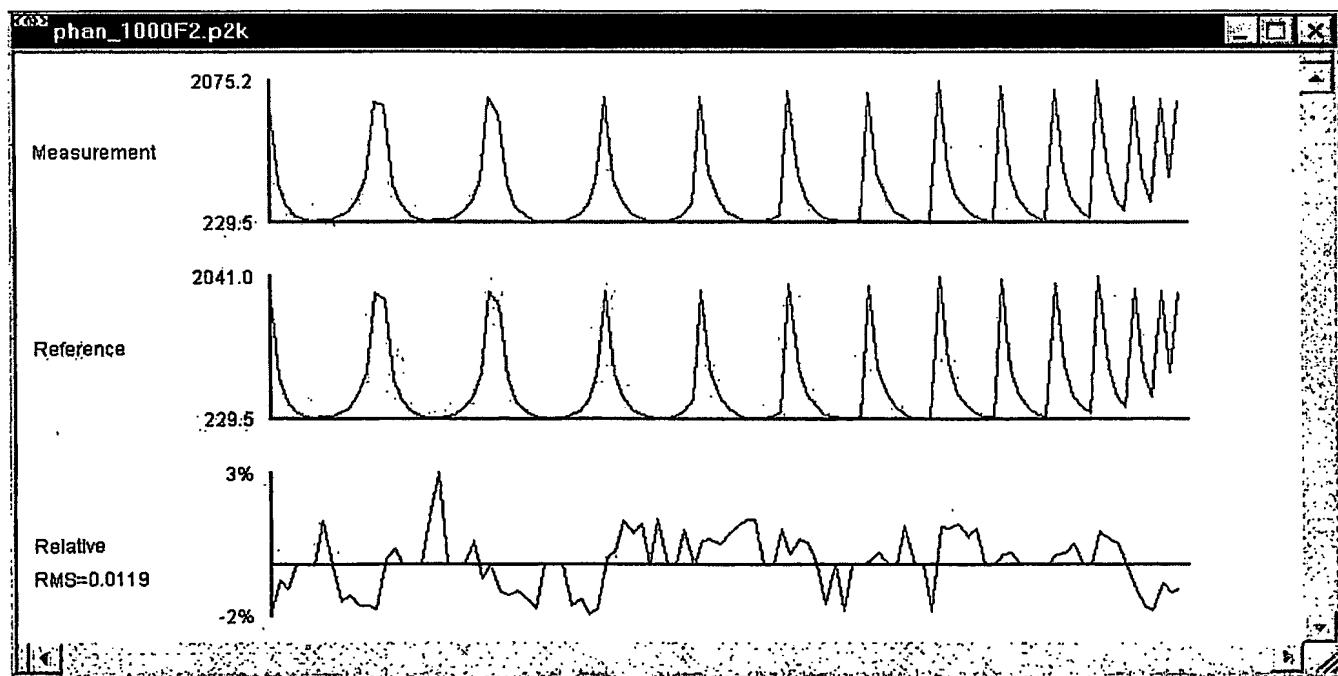


FIGURE 11



SUBSTITUTE SHEET (RULE 26)

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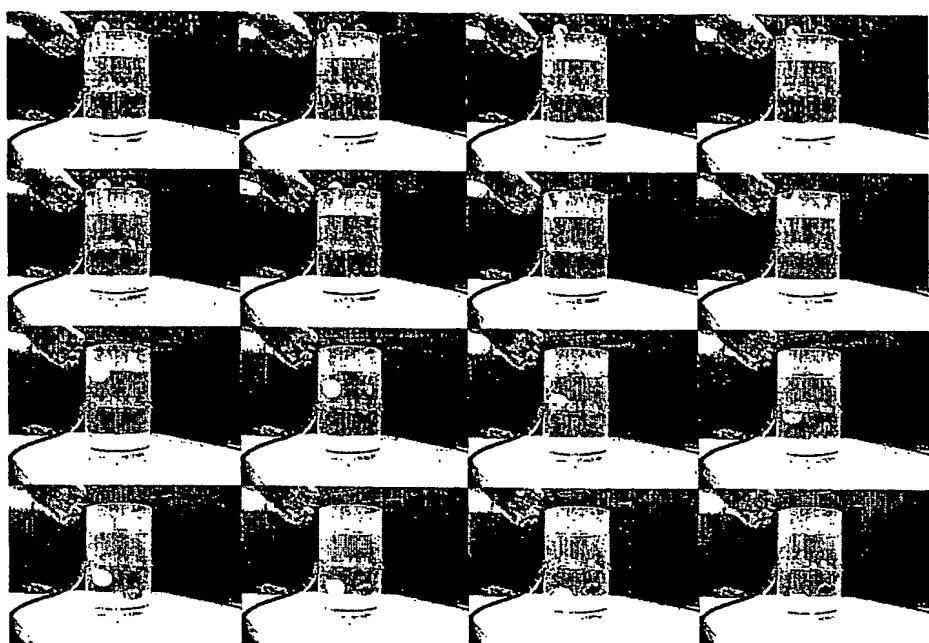


FIGURE 13

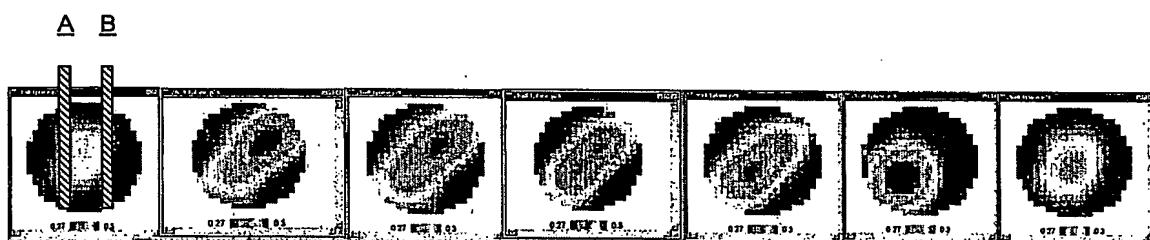


FIGURE 13b

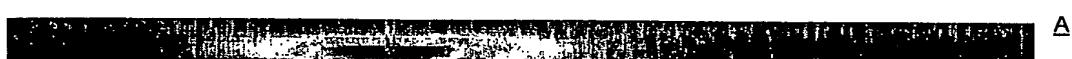


FIGURE 13c

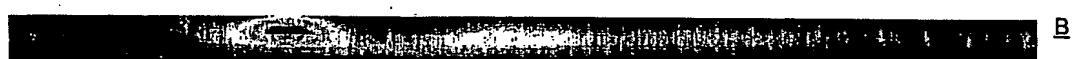


FIGURE 13d

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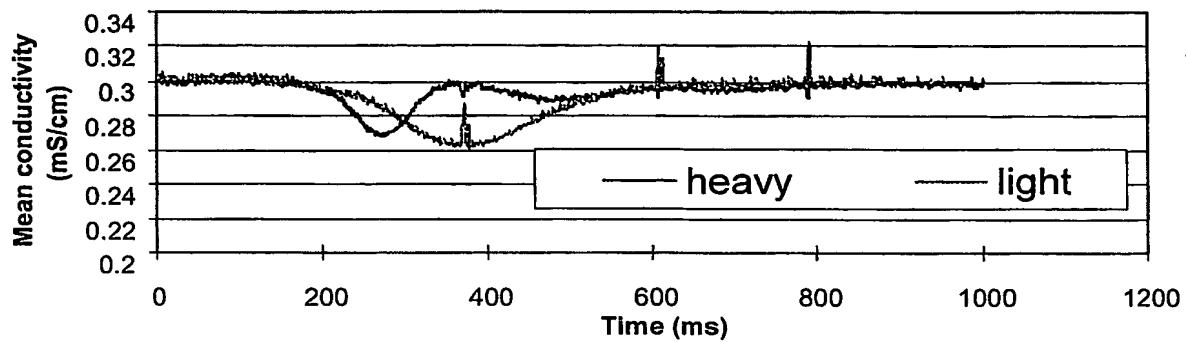
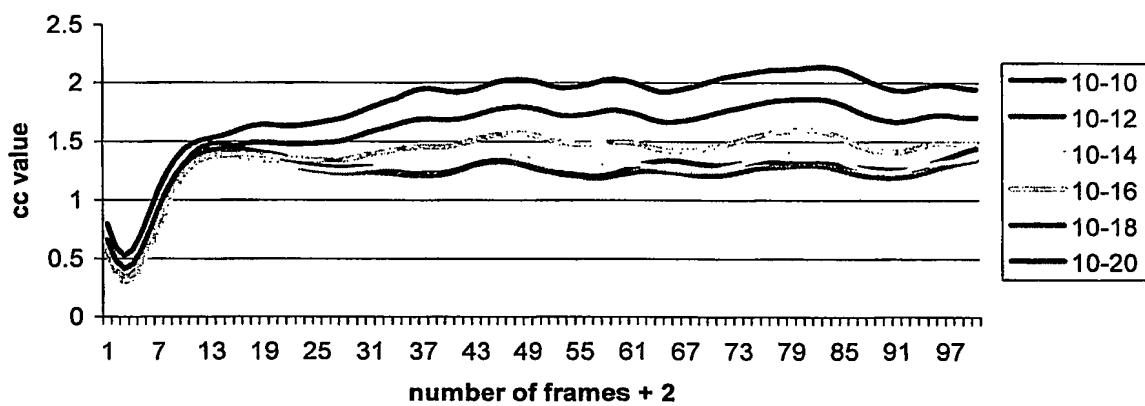


FIGURE 13e

cc curve - SH1



(a) Data collected from an air-water flow (SH1) at  $f=134.2$  fps,  $d=5$ cm

FIGURE 14(a)

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CC curve - m4

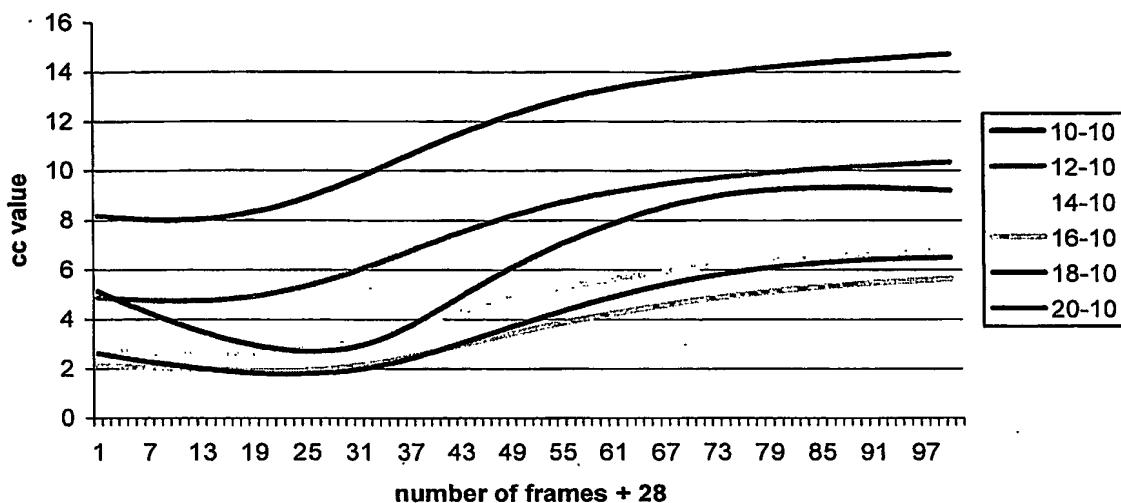
(b) Data collected from an oil-water flow (M4) at  $f=914.3$  fps,  $d=3\text{cm}$ .

FIGURE 14(b)

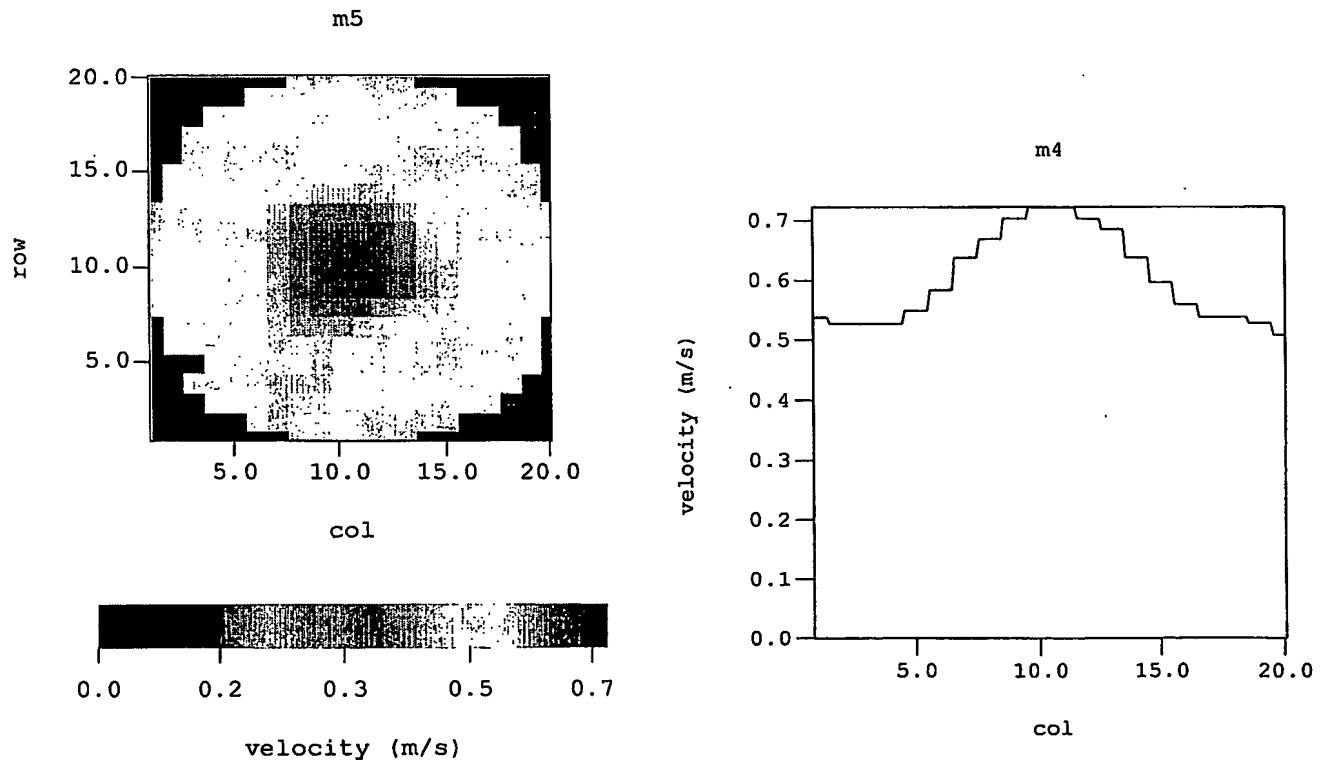


FIGURE 15

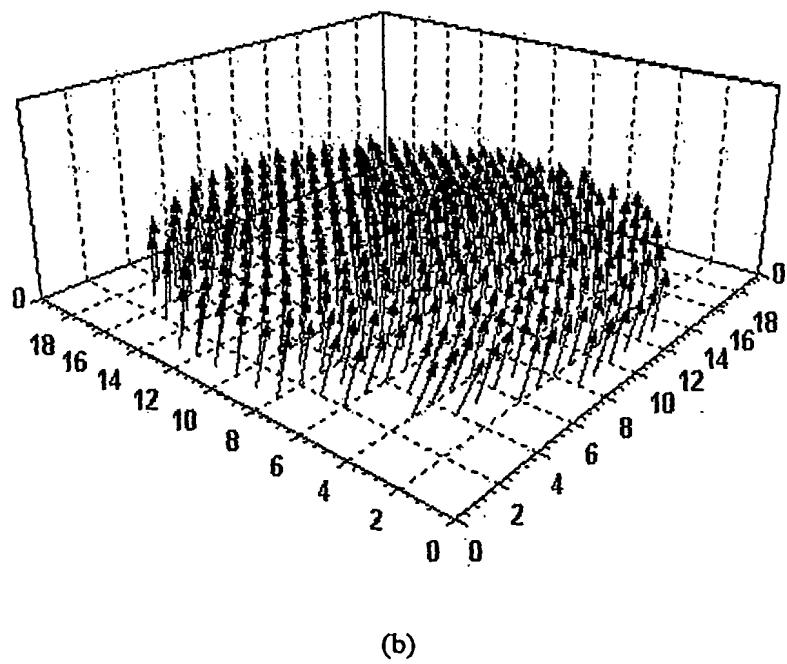
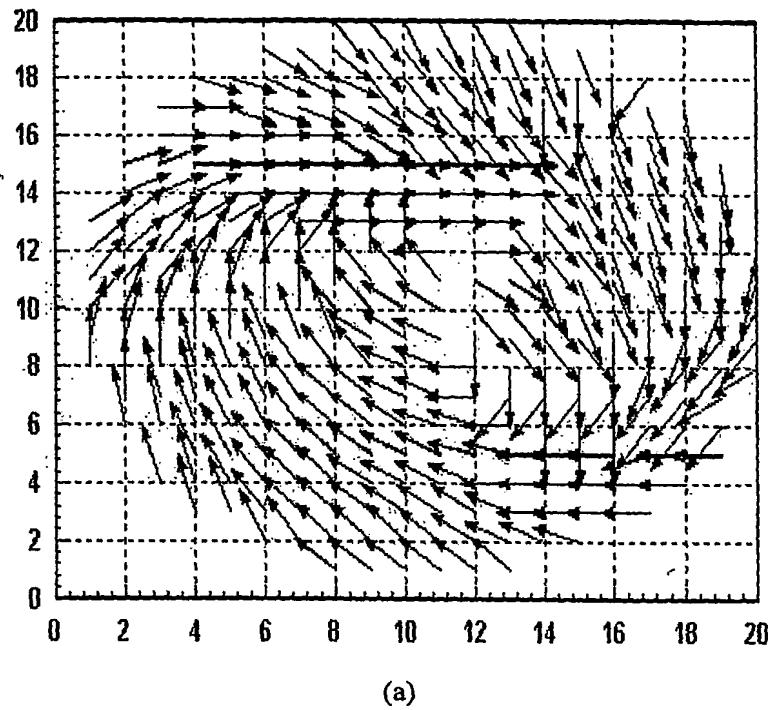


FIGURE 16